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ICS 73.060.10
CCS D31

YB

INDUSTRY STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

YB/T 6415-2025

Classification of maceral for blast furnace off-gas dust

高炉瓦斯灰显微组分分类方法

(English Translation)

Issued on: December 17, 2025 **Implemented on: July 1, 2026**

Issued by: Ministry of Industry and Information Technology

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1 Foreword

YB/T 6415-2025 was issued by Ministry of Industry and Information Technology on 17 December 2025 and has been in force since 1 July 2026.

The YB/T prefix marks a recommended standard. It is not law in itself: it becomes binding when a contract names it, when a regulation or a mandatory standard refers to it, or when a producer declares conformity with it.

The document runs to 15 pages in English translation.

2 Scope Preview

This standard specifies the classification, names, and codes of the microstructure of blast furnace gas ash. This standard applies to the identification and classification of pulverized coal, coke, and iron ore particles in blast furnace gas ash. It can be used in production and research work related to the evaluation of the quality and utilization efficiency of blast furnace fuels (pulverized coal, coke) and raw materials (sintered ore, pellets, and lump ore).

YB/T 6415-2025 falls under ICS 73.060.10, in the field of mining and minerals.

This catalogue holds 109 other YB/T standards in that field.

In this catalogue, YB/T standards carry edition years from 1980 to 2026.

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3 About this standard

Sector: Ferrous Metallurgy Industry Standard (Recommended)

Issued by: Ministry of Industry and Information Technology

English translation: about 15 pages (approximate)

4 Related standards

Standards on related subjects:

GB/T 6730.1-2016 - Iron ores -- Preparation of pre-dried test samples for chemical analysis

GB/T 6730.10-2014 - Iron ores -- Determination of silicon content -- Gravimetric methods

GB/T 6730.11-2007 - Iron ores -- Determination of aluminium content -- EDTA titrimetric method

YB/T 6460-2026 - Iron ores - Determination of silicon, calcium, aluminum, magnesium, titanium, manganese, vanadium, phosphorus, potassium, sodium, zinc, copper, arsenic, lead and sulfur content - Wavelength dispersive X-ray fluorescence spectrometry (pressed disc method)

YB/T 6387-2025 - Evaluation Requirements for Green Plants in Iron Ore Mining and Beneficiation

YB/T 6416-2025 - Method for determination of kilogram scale iron reduction softening-melting dropping performance under load and quenching experiment of primary slag

5 Classification and status

International classification (ICS): 73.060.10

Chinese Standard Classification (CCS): D 31

Prefix YB/T: recommended standard.

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